

SEQUENCE LISTING

<110> Rijk Zwaan Zaadteelt en Zaadhandel B.V.
Lelivelt, Cecilia Lucia Clara
Nugent, Jackie M.
McCabe, Matthew S.
Dix, Philip J.

<120> Method of plastid transformation in Asteraceae; vector for use therein and plants thus obtained

<130> L/2AL97/LB/16

<140> PCT/EP 03/08948

<141> 2003-08-08

<150> EP 2002078273.6

<151> 2002-08-08

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<170> PatentIn version 3.2

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 <212> PRT
 <213> Nicotiana tabacum

<400> 4

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Glu Ile Gly Leu Thr Thr Asp Ser Glu Gly Thr Gly Val Thr Ser Leu
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35 40 45

Lys Met Asp Lys Phe Leu Phe Leu Gly Thr His Thr Arg Phe Val Thr
50 55 60

Thr Lys Arg Ile Met Val Thr Leu Pro Leu Thr Thr Ser Phe Met Asn
65 70 75 80

Phe Ile Val Ile Glu Ile His Val Leu Pro Arg Gln Asn Leu Glu Leu
85 90 95

Ala Ile Leu Leu Pro Ser Arg Gln Arg Phe Thr Ser Val Glu Arg Met
100 105 110

Ile His Ser Asp Arg His Glu Ser Pro Thr Thr Leu Pro Glu Ser Met
115 120 125

Leu Tyr Ile
130

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<212> PRT
<213> Nicotiana tabacum

<400> 5

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Ile Phe Arg Gly Leu Lys Gly Ala Trp Lys Arg Ile Arg Thr Leu Glu
35 40 45

Trp Lys Arg Asp Val Thr Pro Val Pro Ser Glu Ser Val Val Asn Pro
50 55 60

Ile Ser Asp Arg Gly Ser
65 70

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 <220>
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 <213> Artificial

 <220>
 <223> primer

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 <213> Artificial

 <220>
 <223> primer

 <400> 8
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<210> 9
 <211> 30
 <212> DNA
 <213> Artificial

 <220>
 <223> primer

 <400> 9
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<210> 10
 <211> 2252
 <212> DNA
 <213> Lactuca sativa

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 <212> DNA
 <213> *Lactuca sativa*

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agagagagat ggggtttctc tcgcttttgg catagtgggc cccagtgagg gggctcgcac	180
gacgggctat tagctcagtg ggtagagcgc gccctgata attgcgtcgt tgtgcctggg	240
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tgtggatcat ccaaggcaca ttagcatggc gtactcctcc tgttcgaacc ggggtttgaa	360
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 <212> DNA
 <213> *Nicotiana tabacum*

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<211> 22

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<212> DNA	
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<223> primer	
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<212> DNA	
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<223> primer	
<400> 16	
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<210> 17	
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<210> 18
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 <220>
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 <400> 18
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 <210> 19
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 <212> DNA
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 <220>
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 <210> 20
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 <220>
 <223> primer

 <400> 20
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 <210> 21
 <211> 1416
 <212> DNA
 <213> Lactuca sativa

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<210> 22
 <211> 2006
 <212> DNA
 <213> *Lactuca sativa*

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<210> 23
 <211> 43
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 <213> Artificial

<220>
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 <210> 24
 <211> 41
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 <220>
 <223> primer

 <400> 24
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 <210> 25
 <211> 41
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 <213> Artificial

 <220>
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Gly His Asn Leu Gln Glu His Ser Val Val Leu Val Arg Gly Gly Arg

35

40

45

Val Lys Asp Leu Pro Gly Val Arg Tyr His Ile Val Arg Gly Thr Leu
50 55 60

Asp Ala Val Gly Val Lys Asp Arg Gln Gln Gly Arg Ser Lys Tyr Gly
65 70 75 80

Val Lys Lys Pro Lys